INFORMATION DISCLOSURE (Use several sheets if necessar					Docket Number (Optional) END9200000 S1 Applicant(s) John Joseph Konrad et al.		Application Number			
			ary)		John Joseph Konr Filing Date Herewi		Group Art Unit V.		E S	
				U.S. PAT	ENT DOCUMENTS	1111		- % - % - C		
*EXAMINER	REF	DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	1	DATE	
	AA	4,915,983	04/10/90	Lake et	al.	427	98	06/10/85		
	АВ	5,620,800	04/15/97	De Leei	ıw et al.	428	469	03/30/95	5	
	AC	5,830,533	11/03/98	Lin et a	l.	427	272	12/04/92	2	
	AD	5,863,405	01/26/99	Miyash	ita	205	125	05/18/94		
	AE	5,891,513	04/06/99	Dubin e	et al.	427	98	01/16/96	5	
	AF									
	AG									
	AH									
	ΑI									
	AJ									
	AK			<u> </u>			1	<u> </u>		
				FOREIG	N PATENT DOCUMENT	rs				
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO	
	AL	WO99/47731	09/23/99	·						
	AM									
	AN									
	AO			<u> </u>						
	AP	 							L	
				OTHER I	OCUMENTS (Include	ing Author, Title, I	Date, Pertinent Pa	iges, Etc.)		
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PTO/SB/08A (10-01)

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Sut	ubstitute for form 1449A/PTO			Complete If Known			
				Application Number	09/804,921		
11	VEORMATION	I DI	SCLOSURE	Filing Date	March 13, 2001		
S	TATEMENT E	BY A	APPLICANT	First Named Inventor	John J. Konrad		
				Art Unit	N/A		
	(use as many she	ets as	necessary)	Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	20135-323-US		

U.S. PATENT DOCUMENTS							
F		Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant		
Examiner Initials*	No.	Number-Kind Code ² (if known)	MM-DD-YYYY	of Cited Document	Passages or Relevant Figures Appear		
	AA	5,891,513	04-06-1999	Dubin et al.			
	AB	5,821,168	10-13-1998	Jain			
	AC	5,714,050	02-03-1998	Akiba et al.			
	AD	5,822,850	10-20-1998	Odaira et al.			
	AE	5,456,817	10-10-1995	Hino et al.			
	AF	5,647,966	07-15-1997	Uriu et al.			
	AG	5,976,393	11-02-1999	Abe			

FOREIGN PATENT DOCUMENTS							
Examiner (nitials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear	τ•	
	BA	EP-0935407 A1	08-11-1999			X	

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04, ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document, ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible, ⁴ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72		
	CA	Patent Abstracts of Japan, Application No. 09068383, 10/98, Sony Corp., Manufacture of Printed Wiring Board			

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